

FIG.1

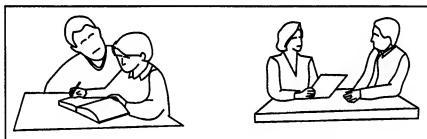


FIG. 2A

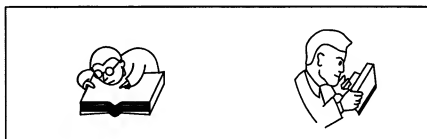


FIG. 2B

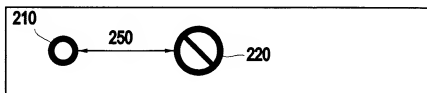


FIG. 2C

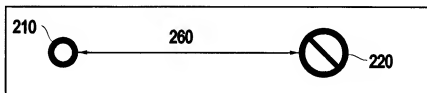


FIG. 2D

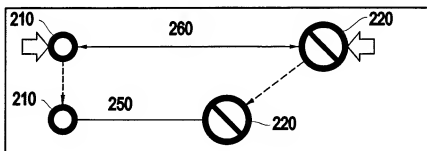


FIG. 2E

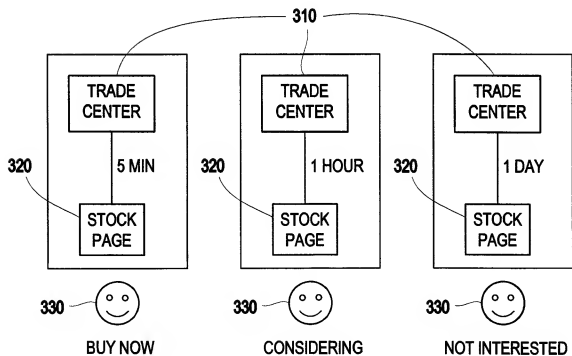


FIG. 3

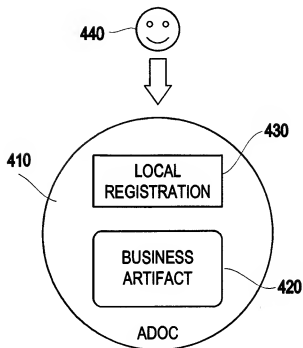


FIG. 4

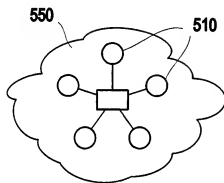


FIG. 5

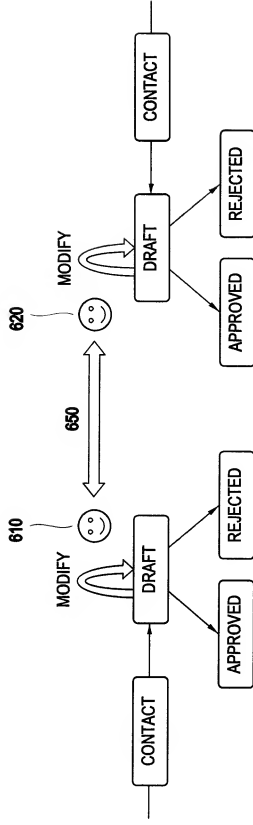
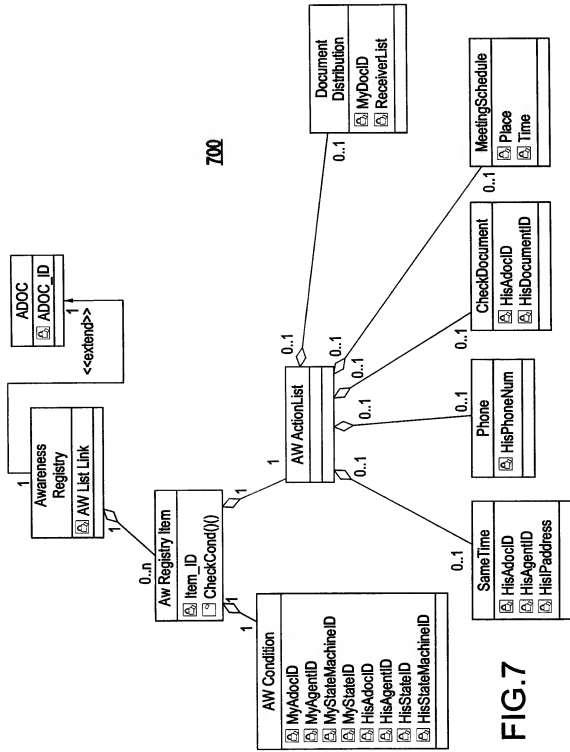


FIG.6

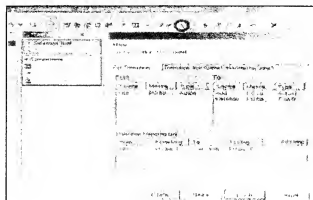


**FIG. 7**



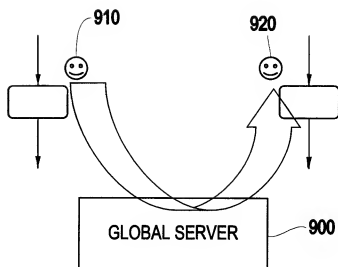
**810**

**FIG. 8A**

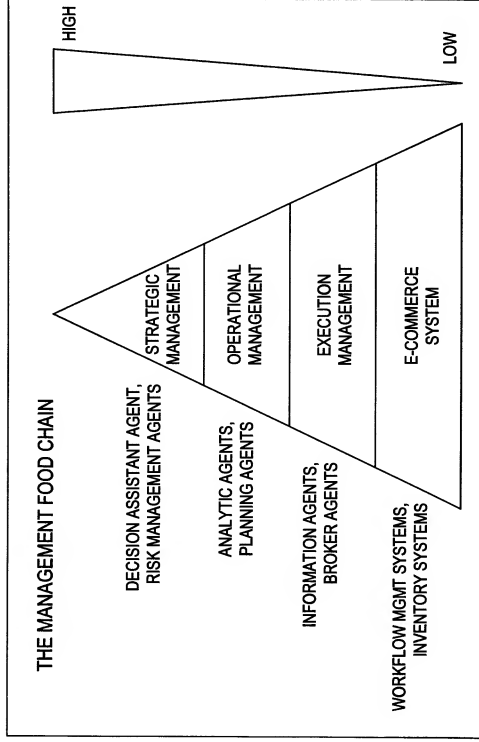


**820**

**FIG. 8B**



**FIG.9**



**FIG.10A**



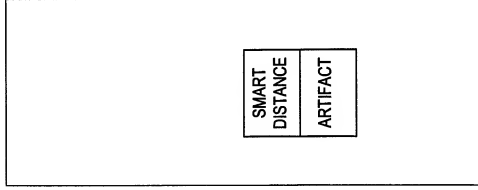


FIG. 10B

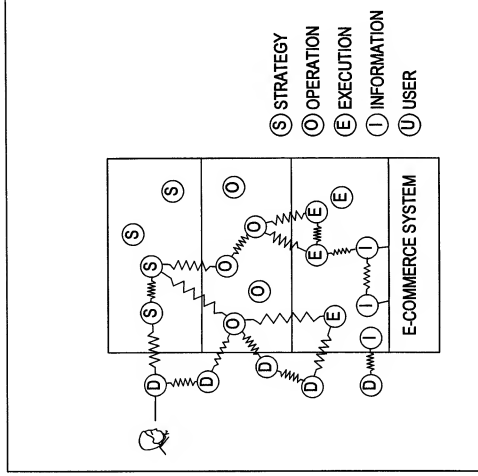


FIG. 10C

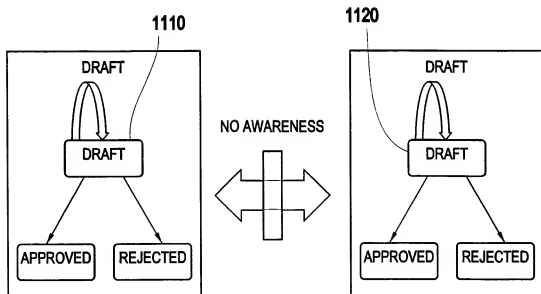


FIG.11

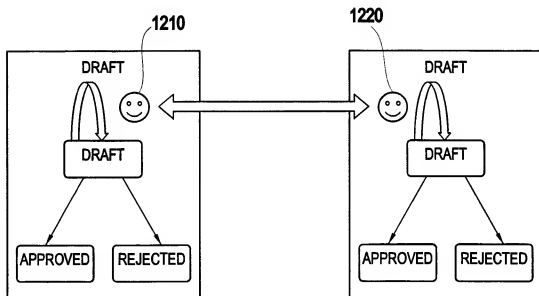


FIG.12

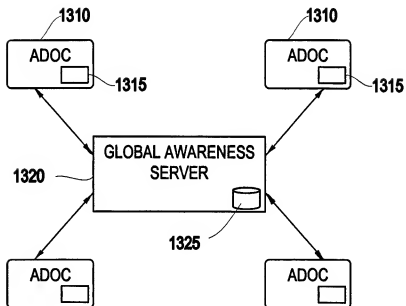


FIG.13

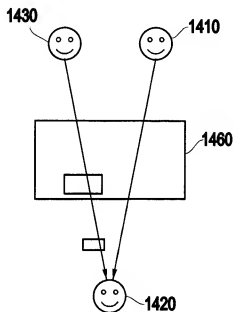


FIG.14

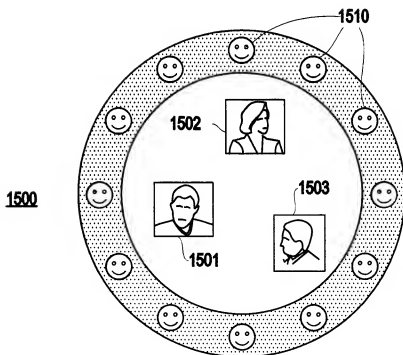


FIG. 15A

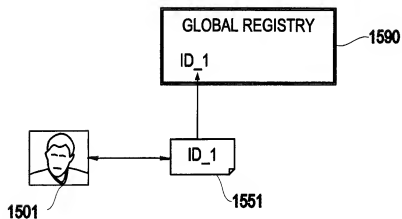


FIG. 15B

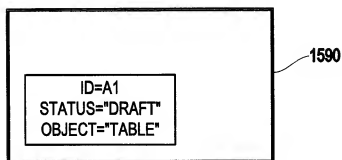


FIG. 15C

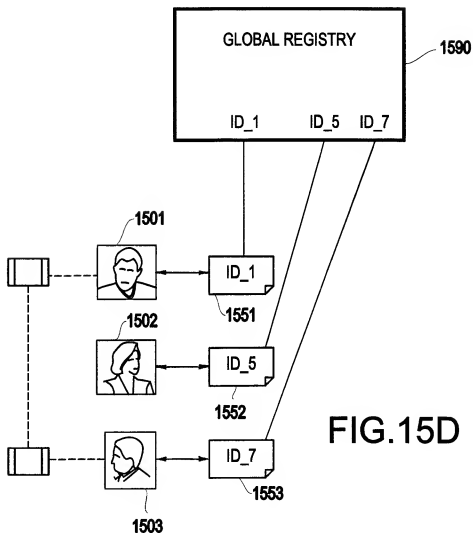


FIG. 15D

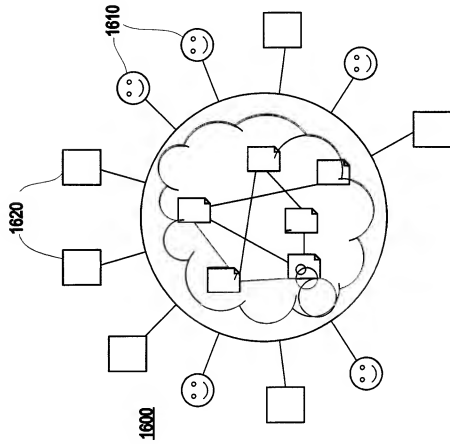


FIG. 16

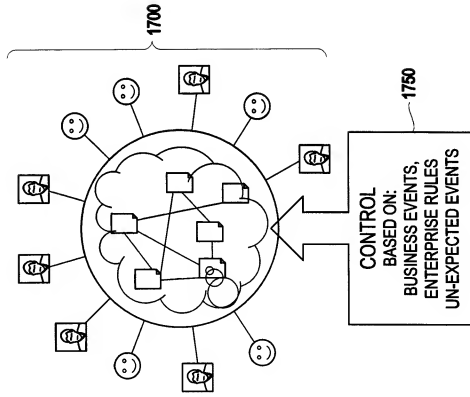


FIG. 17

**Task List**

- Your Side
  - ADOC Category ID
  - BP ID
  - State ID
- Other Side
  - ADOC Category ID
  - BP ID
  - State ID
- Interaction
  - Interaction ID
  - Your Role
  - Other Party's Role

**Welcome to Smart Distance Workspace**

Blue Pages Search Help Now Feedback

**Your Side** Your\_ADOC ID Edit ?

Contractor Submit Cancel

**Other Side** Your\_BP ID Edit ?

Sell Contract Submit Cancel

**Your State ID** Your\_State ID Edit ?

Selected Draft Submit Cancel

**Select State** Select State Edit ?

1811 1812 1813 1814 1820 1830 1840 1850 1860 1800

FIG. 18

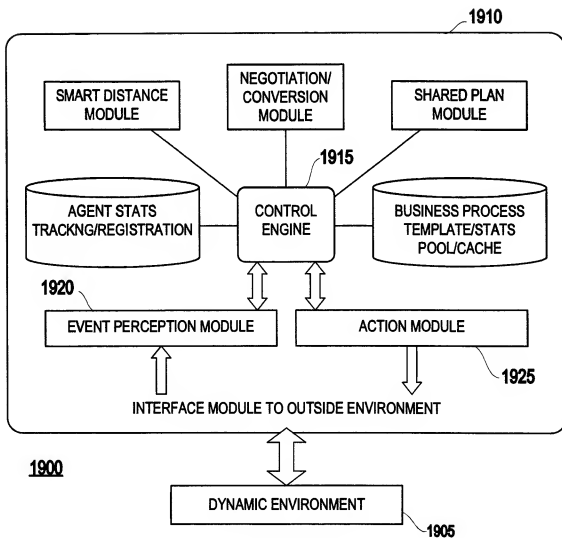


FIG.19

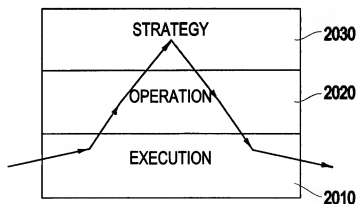
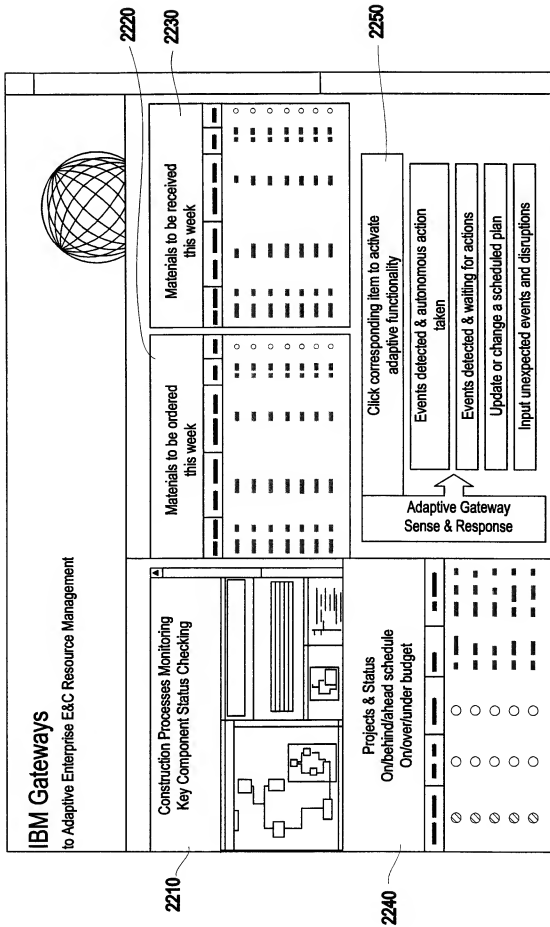


FIG.20



IBM Intranet - Microsoft Internet Explorer File Edit View Favorites Tools Help		Welcome to Sense and Respond System ** 2002, Hello Mary Black!																																									
Home for BLM MD Products My Products Business Goals All KPIs	BluePages Search HelpNow Feedback Change Layout My alerts Sign Out Help	Control Console (Responding & Risk Assessment)																																									
Message Board ? This portlet contains an RMI applet client which links to the SaR server. The real-time information can be sent to the web client	Inventory Management ? The Inventory Management portlet provides inventory management related decision support tools for business line managers (e.g. safety stock optimization for all products in BLM's responsibility)	Monitoring Console (Sensing)																																									
Event Management ? <table border="1"> <thead> <tr> <th>Business Process</th> <th>Exception Type</th> <th>Alert Type</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>Order Fulfillment</td> <td>Service Level</td> <td>Personal</td> <td>04/23</td> </tr> <tr> <td>Order Fulfillment</td> <td>Revenue</td> <td>Personal</td> <td>04/23</td> </tr> <tr> <td>Demand Mgmt</td> <td>Demand</td> <td>System</td> <td>04/23</td> </tr> <tr> <td>Demand Mgmt</td> <td>Forecast Accuracy</td> <td>System</td> <td>04/23</td> </tr> </tbody> </table>		Business Process	Exception Type	Alert Type	Time	Order Fulfillment	Service Level	Personal	04/23	Order Fulfillment	Revenue	Personal	04/23	Demand Mgmt	Demand	System	04/23	Demand Mgmt	Forecast Accuracy	System	04/23	<table border="1"> <thead> <tr> <th colspan="4">Revenue</th> </tr> <tr> <th>Family</th> <th>Target</th> <th>Current</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>S1</td> <td>18,000</td> <td>8,000</td> <td></td> </tr> <tr> <td>S2</td> <td>27,000</td> <td>7,000</td> <td></td> </tr> <tr> <td>S3</td> <td>4,000</td> <td>1,000</td> <td></td> </tr> </tbody> </table>		Revenue				Family	Target	Current	Status	S1	18,000	8,000		S2	27,000	7,000		S3	4,000	1,000	
Business Process	Exception Type	Alert Type	Time																																								
Order Fulfillment	Service Level	Personal	04/23																																								
Order Fulfillment	Revenue	Personal	04/23																																								
Demand Mgmt	Demand	System	04/23																																								
Demand Mgmt	Forecast Accuracy	System	04/23																																								
Revenue																																											
Family	Target	Current	Status																																								
S1	18,000	8,000																																									
S2	27,000	7,000																																									
S3	4,000	1,000																																									
ESSENTIAL LINKS Edit Customer A Link Customer B Link Customer Reference Material		<table border="1"> <thead> <tr> <th colspan="4">Customer Service</th> </tr> <tr> <th>PartNo</th> <th>Target</th> <th>Current</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>S1</td> <td>95%</td> <td>98%</td> <td></td> </tr> <tr> <td>S2</td> <td>90%</td> <td>80%</td> <td></td> </tr> <tr> <td>S3</td> <td>90%</td> <td>95%</td> <td></td> </tr> </tbody> </table>		Customer Service				PartNo	Target	Current	Status	S1	95%	98%		S2	90%	80%		S3	90%	95%																					
Customer Service																																											
PartNo	Target	Current	Status																																								
S1	95%	98%																																									
S2	90%	80%																																									
S3	90%	95%																																									

FIG.21



**FIG. 22** **2200**

## Adaptive Enterprise

△

Events detected & autonomous action taken

**2310** 2320

Detected Event Lists  
Click an Item to Show Actions

■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○

Autonomous Actions  
Taken

■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○

**2330** 2335

Possible Action Sets  
Considered by

■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○
■ ■	■	■	■ ■	○

Performance

■	■ ■	■
■	■ ■	■
■	■ ■	■
■	■ ■	■
■	■ ■	■
■	■ ■	■
■	■ ■	■

Do you want to allow this autonomous  
response in the future

**2340**

**2350**

**2300**

FIG.23

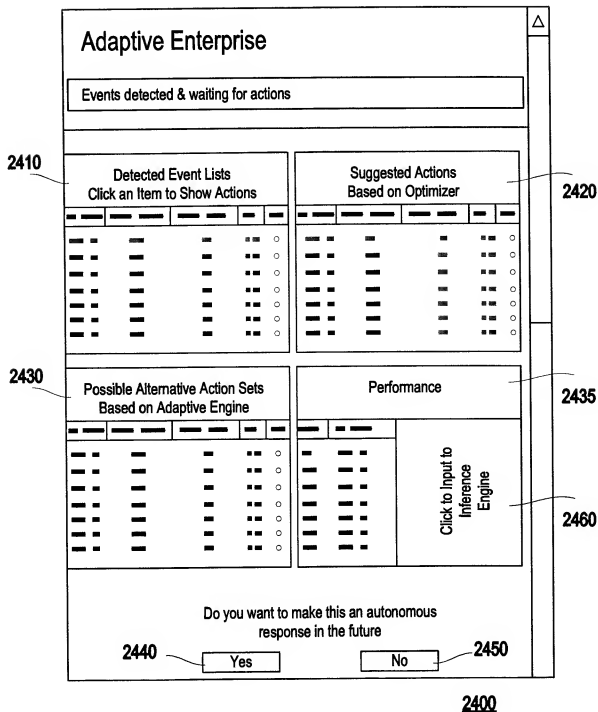


FIG.24

## Adaptive Enterprise

Update/Change a Scheduled Plan

2510

Select the Scheduled Plan

■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○

2520

Select of Input the Changes/Updates

■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○

2530

Effects of the Selected Changes Based on Inference Engine

■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○
■ ■	■ ■	■ ■	■ ■	○

2540

Click if you think the inference engine can be enhanced and modify the engine

Do you want to accept the changes And updates

Yes

No

2500

FIG.25

## Adaptive Enterprise

Unexpected events/disruptions

Select or Input the  
Unexpected Events

1	2	3	4	5	6
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---

The Inference Engine  
Suggested Responses

1	2	3	4	5	6
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---

Select or Input Response

1	2	3	4	5	6
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---

Click if you think  
the inference engine  
can be enhanced  
and modify the engine

2610

2620

2630

2640

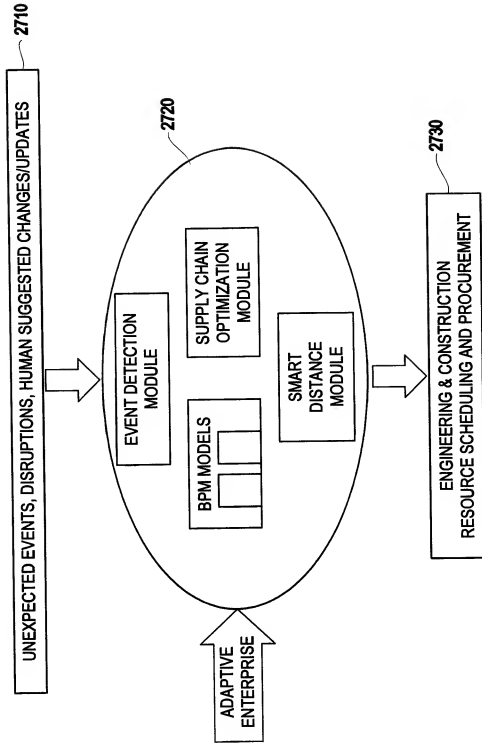
Do you want adaptive enterprise to handle  
the unexpected events autonomously in the future

Yes

No

2600

FIG.26



**FIG.27**

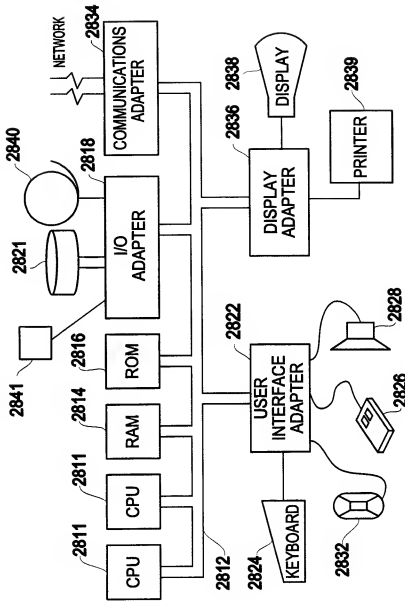


FIG. 28

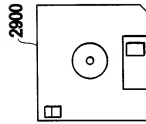


FIG. 29